

FORM RTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

30585/5

SERIAL NO.

09/239,194

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT

John S. Yates, Jr., et al.

FILING DATE

January 28, 1999

GROUP ART UNIT

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	AGING DATE IF APPROPRIATE
KT	3,544,969	12/01/70	Rakoczi	340	Group 2700	27, 1967
KT	3,781,823	12/25/73	Senese	340	172.5	July 28, 1972
KT	4,084,235	04/11/78	Hirtle	364	200	Apr. 14, 1975
KT	4,455,602	06/19/84	Baxter	364	200	May 22, 1981
KT	4,575,797	03/11/86	Gruner	364	200	May 22, 1981
KT	5,638,525	06/10/97	Hammond	395	385	Feb. 10, 1995
KT	5,822,578	10/13/98	Frank	395	591	June 5, 1995
KT	5,832,205	11/03/98	Kelly	395	185.06	Aug. 20, 1996
KT	5,930,509	07/27/99	Yates	395	707	Jan. 29, 1996
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
KT	WO 96/24895	08/15/96	PCT/US	G06F	9/22		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

KT		Burroughs, Preliminary Edition, B 1700 Systems Reference Manual, Burroughs Corporation (1972)
KT		Burroughs, B 1700 Systems Micro Implementation Language (MIL) Reference Manual, Burroughs Corporation (1973)
KT		Anton Chernoff, et al., FX!32, A Profile-Directed Binary Translator, IEEE Micro, Vol. 18 No. 2 pp. 56-64, March/April, 1998
KT		Digital Equipment Corp., White Paper: How DIGITAL FX!32 Works (September 1997) <a href="http://www.digital.com/semiconductor/amt/fx32/fx-white.htm">http://www.digital.com/semiconductor/amt/fx32/fx-white.htm</a>
KT		Ebciglu and Altman, IBM Research Report, DAISY: Dynamic Compilation for 100% Architectural Compatibility, IBM Research Division (1996)
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KT		Linley Gwennap, First Merced Patent Surfaces, Intel Document Reveals Processors With Dual Instruction Sets, Microprocessor Report, MicroDesign Resources (July 20, 1998)
KT		Raymond J. Hookway, et al., Combining Emulation and Binary Translation (August 28, 1997) <a href="http://www.digital.com/info/DTJP01HM.HTM">http://www.digital.com/info/DTJP01HM.HTM</a>
KT		Harold W. Lawson, Jr., et al., Functional Characteristics of a Multilingual Processor, IEEE Transactions on Computers, Vol. C-20, No. 7, pp. 732-742 (July, 1971)
KT		Nanodata Corporation, QM-1 Hardware level User's Manual (1975)
KT		Nanodata Corporation, QM-2 Processor (1976)
KT		Robert F. Rosin, Contemporary Concepts of Microprogramming and Emulation, Computing Surveys, Vol. 1 No. 4, pp. 197-212 (December 1969)
KT		Robert F. Rosin, An Environment for Research in Microprogramming and Emulation, Communications of the ACM, Vol. 15 No. 8, pp. 748-760 (August 1972)
KT		Standard Computer Corp., IC-9000 Central Processing Unit - Principles of Operation (undated - possibly 1969)
KT		W.T. Wilner, Design of the Burroughs B1700, Fall Joint Computer Conference, pp. 489-497 (1972)
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KT	5,361,340	11/01/1994	Kelly			Mar. 9, 1993
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KT	5,481,693	01/02/1996	Blomgren	395	375	Jul. 20, 1994
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KT	5,568,646	10/22/1996	Jaggat			Sep. 19, 1994
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KT	5,652,869	07/29/1997	Herdeg	395	500	Dec. 28, 1994
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KT	5,664,159	09/02/1997	Richter	395	500	May 8, 1995

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KT	5,685,009	11/04/1997	Blomgren	395	800	Nov. 29, 1995
KT	5,715,421	02/03/1998	Akiyama			Oct. 16, 1992
KT	5,721,927	02/24/1998	Baraz	395	705	Aug. 7, 1996
KT	5,751,982	05/12/1998	Morley	395	800	Mar. 31, 1995
KT	5,754,878	05/19/1998	Asghar	395	800	Mar. 18, 1996
KT	5,774,287	06/30/1998	Leonhardt			Dec. 9, 1994
KT	5,774,686	06/30/1998	Hammond	395	385	Jun. 7, 1995
KT	5,781,750	07/14/1998	Blomgren et al.	395	500	Jan 11, 1994
KT	5,781,792	07/14/1998	Asghar	395	800.35	Mar. 18, 1996
KT	5,784,640	07/21/1998	Asghar	395	800.35	Mar. 18, 1996
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KT	5,802,272	09/01/1998	Sites, et al.	395	183.21	Dec. 19, 1994
KT	5,802,373	09/01/1998	Yates	395	705	Jan. 29, 1996
KT	5,822,578	10/13/1998	Frank	395	591	June 5, 1995
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KT	5,838,978	11/17/1998	Buzbee	395	705	Oct. 9, 1996
KT	5,842,017	11/24/1998	Hookway	395	707	Jan. 29, 1996
KT	5,847,955	12/08/1998	Mitchell			Jun. 23, 1997
KT	5,884,057	03/16/1999	Blomgren	395	375	May 8, 1995
KT	5,901,308	05/04/1999	Cohn			Mar. 18, 1996
KT	5,903,760	05/11/1999	Farber	395	707	Jun. 27, 1996
KT	5,905,855	05/18/1999	Klaiber	395	183.07	Feb. 28, 1997
KT	5,920,721	07/06/1999	Hunter	395	705	Jun. 11, 1997
KT	5,930,509	07/27/1999	Yates	395	707	Jan. 29, 1996
KT	5,935,220	08/10/1999	Lumpkin			Aug. 9, 1996
KT	5,949,415	09/07/1999	Lin	345	335	Jun. 16, 1997
KT	5,958,047	09/28/1999	Panwar	712	237	Jun. 25, 1997

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KF	6,000,028	12/07/1999	Chernoff	712	226	Jan. 29, 1996
KF	6,005,551	12/21/1999	Osborne			Apr. 25, 1997
KF	6,006,029	12/21/1999	Bianchi	395	500.45	Sept. 28, 1993
KF	6,011,908	01/04/2000	Wing	395	182.17	Dec. 23, 1996
KF	6,014,735	01/11/2000	Chennupaty	712	210	Mar. 31, 1998
KF	6,021,265	02/01/2000	Nevill			Apr. 14, 1997
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KF	6,026,478	02/15/2000	Dowling			Dec. 23, 1997
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KF	6,031,992	02/29/2000	Cmelik	395	705	Jul. 5, 1996
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KF	6,035,393	03/07/2000	Glew	712	237	May 7, 1998
KF	6,044,221	03/28/2000	Gupta			May 9, 1997
KF	6,070,009	05/30/2000	Dean			Nov. 26, 1997
KF	6,081,890	06/27/2000	Datta	713	1	Nov. 30, 1998
KF	Re. 36,766	07/04/2000	Krauskopf	711	203	Aug. 21, 1992
KF	6,091,897	07/18/2000	Yates	395	708	Jan. 29, 1996
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KF	6,157,970	12/05/2000	Gafken			Sep. 24, 1997
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KF	6,240,526	05/29/2001	Petivan			Oct. 27, 1999
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KF	6,351,784	02/26/2002	Neal			Dec. 28, 1998
KF	6,374,369	04/16/2002	O'Donnell			May 21, 1999
KF	6,397,379	05/28/2002	Yates			Oct. 28, 1999

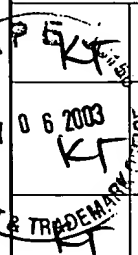
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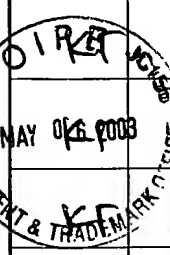
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<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				<b>RECEIVED</b> MAY 07 2003			
				APPLICANT John S. Yates, Jr., et al.			
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<b>U.S. PATENT DOCUMENTS</b> <span style="float: right;">Technology Center 2100</span>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KT		6,405,327	06/11/2002	Sipple			Aug. 19, 1998
KT		6,463,582	10/08/2002	Lethin			Oct. 21, 1998
KT		6,470,492	10/22/2002	Bala			May 14, 1999
KT		6,477,683	11/05/2002	Killian			Feb. 5, 1999
KT		6,480,862	11/12/2002	Gall			Apr. 23, 1999
KT		6,496,922	12/17/2002	Borrill			Oct. 31, 1994
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KT		EP 0 324 308 Larsen	07/19/1989	EPO	G06F	9/30	
KT		WO 96/24895 Hammond	08/15/1996	PCT/US	G06F	9/22	
KT		WO 97/50031 Farber	12/31/1997	PCT/US	G06F	9/455	
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KT		WO 98/28689 Wing	07/02/1998	PCT/US	G06F	11/00	
KT		WO 98/38575 Klaiber	09/03/1998	PCT/US	G06F	11/00	
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KT		WO 99/08188 Kelly	02/18/1999	PCT/US	G06F	11/00	
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)</b>							
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		T.M. Conte, et al., "Hardware based profiling: An effective technique for profile-driven optimization," International Journal of Parallel Programming, vol. 24, no. 2 (Feb. 1996)			
		T.M. Conte, et al., "Using branch handling hardware to support profile-driven optimization," Proceedings of the 27 <sup>th</sup> Annual International Symposium on Microarchitecture San Jose, CA (Dec. 1994)			
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KF	5,608,886	03/04/1997	Blomgren	395	586	Aug. 31, 1994
KF	5,636,366	06/03/1997	Robinson	395	490	Oct. 30, 1995
KF	5,652,869	07/29/1997	Herdeg	395	500	Dec. 28, 1994
KF	5,659,679	08/19/1997	Alpert	395	183.1	May 30, 1995
KF	5,664,159	09/02/1997	Richter	395	500	May 8, 1995
KF	5,685,009	11/04/1997	Blomgren	395	800	Nov. 29, 1995
KF	5,715,421	02/03/1998	Akiyama			Oct. 16, 1992
KF	5,721,927	02/24/1998	Baraz	395	705	Aug. 7, 1996
KF	5,754,878	05/19/1998	Asghar	395	800	Mar. 18, 1996
KF	5,774,287	06/30/1998	Leonhardt			Dec. 9, 1994
KF	5,774,686	06/30/1998	Hammond	395	385	Jun. 7, 1995
KF	5,781,792	07/14/1998	Asghar	395	800.35	Mar. 18, 1996
KF	5,784,640	07/21/1998	Asghar	395	800.35	Mar. 18, 1996
KF	5,790,824	08/04/1998	Asghar	395	385	Mar. 18, 1996
KF	5,794,068	08/11/1998	Asghar	395	800.35	Mar. 18, 1996
KF	5,796,939	08/18/1998	Berc, et al.	395	184.01	Mar. 10, 1997
KF	5,802,272	09/01/1998	Sites, et al.	395	183.21	Dec. 19, 1994
KF	5,802,373	09/01/1998	Yates	395	705	Jan. 29, 1996

EXAMINER

*Kenneth J. J.*

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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
005231/05-4013SERIAL NO.  
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APPLICANT

John S. Yates, Jr., et al.

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January 28, 1999

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**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KT	5,838,962	11/17/1998	Larson	395	586	Apr. 9, 1997
KT	5,838,978	11/17/1998	Buzbee	395	705	Oct. 9, 1996
KT	5,842,017	11/24/1998	Hookway	395	707	Jan. 29, 1996
KT	5,847,955	12/08/1998	Mitchell			Jun. 23, 1997
KT	5,884,057	03/16/1999	Blomgren	395	375	May 8, 1995
KT	5,901,308	05/04/1999	Cohn			Mar. 18, 1996
KT	5,903,760	05/11/1999	Farber	395	707	Jun. 27, 1996
KT	5,905,855	05/18/1999	Klaiber	395	183.07	Feb. 28, 1997
KT	5,935,220	08/10/1999	Lumpkin			Aug. 9, 1996
KT	5,949,415	09/07/1999	Lin	345	335	Jun. 16, 1997
KT	5,958,061	09/28/1999	Kelly	714	1	Jul. 24, 1996
KT	5,999,736	12/07/1999	Gupta			May 9, 1997
KT	6,000,028	12/07/1999	Chernoff	712	226	Jan. 29, 1996
KT	6,005,551	12/21/1999	Osborne			Apr. 25, 1997
KT	6,011,908	01/04/2000	Wing	395	182.17	Dec. 23, 1996
KT	6,014,735	01/11/2000	Chennupaty	712	210	Mar. 31, 1998
KT	6,021,489	02/01/2000	Poplingher	712	239	Jun. 30, 1997
KT	6,026,478	02/15/2000	Dowling			Dec. 23, 1997
KT	6,029,004	02/22/2000	Bortnikov			Mar. 17, 1997
KT	6,031,992	02/29/2000	Cmelik	395	705	Jul. 5, 1996
KT	6,032,247	02/29/2000	Asghar	712	35	Nov. 14, 1997
KT	6,035,393	03/07/2000	Glew	712	237	May 7, 1998
KT	6,044,221	03/28/2000	Gupta			May 9, 1997
KT	6,070,009	05/30/2000	Dean			Nov. 26, 1997
KT	6,081,890	06/27/2000	Datta	713	1	Nov. 30, 1998
KT	Re. 36,766	07/04/2000	Krauskopf	711	203	Aug. 21, 1992
KT	6,091,897	07/18/2000	Yates	395	708	Jan. 29, 1996
KT	6,154,857	11/28/2000	Mann			Dec. 17, 1997
KT	6,157,970	12/05/2000	Gafken			Sep. 24, 1997
KT	6,175,957	01/16/2001	Ju			Dec. 9, 1997
KT	6,226,789	05/01/2001	Tye			Jan. 29, 1996

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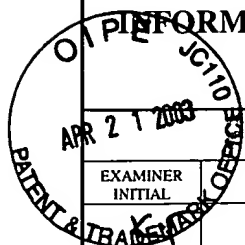
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09/239,194**RECEIVED**APPLICANT  
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2127 Technology Center 2100**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

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KT	6,237,073	05/22/2001	Dean			Nov. 26, 1997
KT	6,240,526	05/29/2001	Petivan			Oct. 27, 1999
KT	6,253,215	06/26/2001	Agesen			Aug. 17, 1998
KT	6,351,784	02/26/2002	Neal			Dec. 28, 1998
KT	6,374,369	04/16/2002	O'Donnell			May 21, 1999
KT	6,397,379	05/28/2002	Yates			Oct. 28, 1999
KT	6,405,327	06/11/2002	Sipple			Aug. 19, 1998
KT	6,463,582	10/08/2002	Lethin			Oct. 21, 1998
KT	6,470,492	10/22/2002	Bala			May 14, 1999
KT	6,477,683	11/05/2002	Killian			Feb. 5, 1999
KT	6,480,862	11/12/2002	Gall			Apr. 23, 1999
KT	6,496,922	12/17/2002	Borrill			Oct. 31, 1994

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
KT	EP 0 324 308 Larsen	07/19/1989	EPO	G06F	9/30		
KT	WO 97/50031 Farber	12/31/1997	PCT/US	G06F	9/455		
KT	WO 98/13740 Wing	04/02/1998	PCT/US	G06F			
KT	WO 98/28689 Wing	07/02/1998	PCT/US	G06F	11/00		
KT	WO 98/38575 Klaiber	09/03/1998	PCT/US	G06F	11/00		
KT	WO 98/59292 Cmelik	12/30/1998	PCT/US	G06F	9/45		
KT	WO 99/03037 Kelly	01/21/1999	PCT/US	G06F	11/00		
KT	WO 99/08188 Kelly	02/18/1999	PCT/US	G06F	11/00		
KT	WO 99/08191 Kelly	02/18/1999	PCT/US	G06F	12/00		

EXAMINER

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT John S. Yates, Jr., et al.					
				FILING DATE January 28, 1999		GROUP ART UNIT 2127			
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
							YES	NO	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)									
KT		Compaq Computer Corp., Compiler Writer's Guide for the Alpha 21264 (1999)							
KT		T.M. Conte, et al., "Accurate and practical profile-driven compilation using the profile buffer," Proceedings of the 29 <sup>th</sup> Annual International Symposium on Microarchitecture, Paris, France, pp. 36-45 (Dec. 1996)							
KT		T.M. Conte, et al., "Hardware based profiling: An effective technique for profile-driven optimization," International Journal of Parallel Programming, vol. 24, no. 2 (Feb. 1996)							
KT		T.M. Conte, et al., "Using branch handling hardware to support profile-driven optimization," Proceedings of the 27 <sup>th</sup> Annual International Symposium on Microarchitecture San Jose, CA (Dec. 1994)							
KT		J.S. Cox et al., "Commercializing profile-driven optimization." Proceedings of the 28 <sup>th</sup> Hawaii International Conference on System Sciences, vol. 1 Maui, HI, pp. 221-228 (Jan. 1995)							
KT		Linda Geppert et al., Transmeta's Magic Show, IEEE Spectrum, vol. 37 no. 5, pp. 26-33 (May 2000)							
KT		R.E. Hank, et al., Proceeding of the 28 <sup>th</sup> Annual International Symposium on Microarchitecture, pp. 158-168 (Dec. 1995)							
KT		Intel Corporation, Intel Architecture Software Developer's Manual, <i>passim</i> (1997)							
KT		K.N.P. Menezes, "Hardware-based profiling for program optimization," Ph.D. thesis, Department of Electrical and Computer Engineering, North Carolina State University, Raleigh, North Carolina (1997)							
EXAMINER <i>Kenneth Ly</i>				DATE CONSIDERED <i>6/13/04</i>					

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<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				APPLICANT John S. Yates, Jr., et al.		<b>RECEIVED</b> DEC. 04 2003	
				FILING DATE January 28, 1999			
				GROUP ART UNIT 2127			
<b>U.S. PATENT DOCUMENTS</b>							
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INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
KT	4,636,940	01/1987	Goodwin	717	128	Dec. 20, 1985	
KT	4,750,112	06/07/1988	Jones	364	200	Feb. 10, 1984	
KT	4,779,187	10/18/1988	Letwin	712	229	Apr. 10, 1985	
KT	4,812,975	03/14/1989	Adachi	364	300	Jul. 11, 1984	
KT	5,115,500	05/19/1992	Larsen	711	202	Jan. 11, 1988	
KT	5,155,835	10/13/1992	Belsan	711	114	Nov. 19, 1990	
KT	5,168,557	12/01/1992	Shibuya	712	207	Sep. 21, 1989	
KT	5,241,664	08/31/1993	Ohba	711	121	Jan. 7, 1991	
KT	5,241,638	08/31/1993	Mork	711	207	Aug. 12, 1995	
KT	5,301,287	04/05/1994	Herrell	711	202	Feb. 16, 1993	
KT	5,335,331	08/02/1994	Murao	712	203	Jul. 12, 1991	
KT	5,361,340	11/01/1994	Kelly	711	3	Mar. 9, 1993	
KT	5,404,476	04/04/1995	Kadaira	711	207	Mar. 9, 1993	
KT	5,432,795	07/11/1995	Robinson	371	19	May 15, 1991	
KT	5,454,117	09/26/1995	Puziol	395	800	Aug. 25, 1993	
KT	5,483,647	01/09/1996	Yu	713	100	Dec. 17, 1992	
KT	5,487,156	01/23/1996	Popsescu	712	217	Dec. 5, 1990	
KT	5,515,518	06/07/1996	Stiles	395	375	Jul. 5, 1994	
KT	5,542,109	07/30/1996	Blomgren	395	800	Aug. 31, 1994	
KT	5,560,013	09/24/1996	Scalzi	717	138	Dec. 6, 1994	
KT	5,568,646	10/22/1996	Jaggar	712	209	Sep. 19, 1994	
KT	5,574,927	11/12/1996	Scantlin	395	800	Nov. 12, 1996	
KT	5,574,929	11/12/1996	Pieterse	712	30	Jun. 30, 1994	
KT	5,590,309	12/31/1996	Chencinski	395	472	Apr. 1, 1994	
KT	5,608,886	03/04/1997	Blomgren	395	586	Aug. 31, 1994	
KT	5,619,666	04/08/1997	Coon	712	209	Jun. 2, 1995	
KT	5,657,474	08/12/1997	Taine	711	163	Nov. 20, 1995	
KT	5,659,679	08/19/1997	Alpert	395	183.1	May 30, 1995	
KT	5,664,159	09/02/1997	Richter	395	500	May 8, 1995	
KT	5,673,407	09/30/1997	Poland	395	375	Mar. 8, 1994	
KT	5,678,032	10/14/1997	Woods	395	500	Sept. 6, 1995	
KT	5,715,421	02/03/1998	Akiyama	711	213	Oct. 16, 1992	
KT	5,721,927	02/24/1998	Baraz	395	705	Aug. 7, 1996	
EXAMINER <i>Kenneth Ly</i>			DATE CONSIDERED <i>6/12/04</i>				

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<b>U.S. PATENT DOCUMENTS</b>							
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KT	5,732,238	03/24/1998	Sarkozy	711	135	Jun. 12, 1996	
KT	5,742,780	04/21/1988	Caulk	395	382	Jan. 16, 1997	
KT	5,751,982	05/12/1998	Morley	395	800	Mar. 31, 1995	
KT	5,754,878	05/19/1998	Asghar	395	800	Mar. 18, 1996	
KT	5,768,500	6/16/1998	Agrawal	714	47	Jun. 20, 1994	
KT	5,774,287	06/30/1998	Leonhardt	710	33	Dec. 9, 1994	
KT	5,774,686	06/30/1998	Hammond	395	385	Jun. 7, 1995	
KT	5,781,750	07/14/1998	Blomgren	395	500	Jan 11, 1994	
KT	5,781,758	07/14/1998	Morley	395	500	Mar. 23, 1995	
KT	5,781,792	07/14/1998	Asghar	395	800.35	Mar. 18, 1996	
KT	5,784,640	07/21/1998	Asghar	395	800.35	Mar. 18, 1996	
KT	5,790,824	08/04/1998	Asghar	395	385	Mar. 18, 1996	
KT	5,794,068	08/11/1998	Asghar	395	800.35	Mar. 18, 1996	
KT	5,796,939	08/18/1998	Berc	395	184.01	Mar. 10, 1997	
KT	5,802,272	09/01/1998	Sites	395	183.21	Dec. 19, 1994	
KT	5,805,877	09/08/1998	Black	395	586	Sep. 23, 1996	
KT	5,812,864	09/22/1998	McCoy	703	26	Dec. 6, 1995	
KT	5,815,720	9/29/1998	Buzbee	717	158	Mar. 15, 1996	
KT	5,819,064	10/06/1998	Razdan	703	27	Nov. 8, 1995	
KT	5,838,962	11/17/1998	Larson	395	586	Apr. 9, 1997	
KT	5,838,978	11/17/1998	Buzbee	395	705	Oct. 9, 1996	
KT	5,847,955	12/08/1998	Mitchell	700	86	Jun. 23, 1997	
KT	5,870,763	02/09/1999	Lomet	707	202	Mar. 10, 1997	
KT	5,884,057	03/16/1999	Blomgren	395	375	May 8, 1995	
KT	5,901,308	05/04/1999	Cohn	712	244	Mar. 18, 1996	
KT	5,905,855	05/18/1999	Klaiber	395	183.07	Feb. 28, 1997	
KT	5,935,220	08/10/1999	Lumpkin	710	5	Aug. 9, 1996	
KT	5,941,827	02/1996	Holtey	711	163	Jan. 14, 1994	
KT	5,949,415	09/07/1999	Lin	345	335	Jun. 16, 1997	
KT	5,958,061	09/28/1999	Kelly	714	1	Jul. 24, 1996	
KT	5,968,162	10/19/1999	Yard	712	203	Apr. 2, 1996	
KT	5,999,736	12/07/1999	Gupta	717	158	May 9, 1997	
EXAMINER <i>Kenneth Ig</i>			DATE CONSIDERED <i>6/12/04</i>				

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EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KT	6,002,872	12/14/1999	Alexander	717	127	Mar. 31, 1998
KT	6,005,551	12/21/1999	Osborne	345	161	Apr. 25, 1997
KT	6,006,029	12/21/1999	Bianchi	395	500.45	Sept. 28, 1993
KT	6,006,277	12/21/1999	Talati	709	313	Jan. 26, 1996
KT	6,011,908	01/04/2000	Wing	395	182.17	Dec. 23, 1996
KT	6,014,735	01/11/2000	Chennupaty	712	210	Mar. 31, 1998
KT	6,021,265	02/01/2000	Nevill	712	209	Apr. 14, 1997
KT	6,021,484	02/01/2000	Park	712	41	Nov. 14, 1997
KT	6,021,489	02/01/2000	Poplingher	712	239	Jun. 30, 1997
KT	6,026,478	02/15/2000	Dowling	712	24	Dec. 23, 1997
KT	6,029,004	02/22/2000	Bortnikov	717	158	Mar. 17, 1997
KT	6,032,247	02/29/2000	Asghar	712	35	Nov. 14, 1997
KT	6,035,393	03/07/2000	Glew	712	237	May 7, 1998
KT	6,044,220	03/28/2000	Breternitz	717	139	Feb. 25, 1997
KT	6,044,221	03/28/2000	Gupta	717	151	May 9, 1997
KT	6,047,363	04/2000	Lewchuk	711	213	Oct. 14, 1997
KT	6,052,771	4/18/2000	Heller	712	34	Jan. 20, 1998
KT	6,070,009	05/30/2000	Dean	717	130	Nov. 26, 1997
KT	6,076,144	6/13/2000	Peled	711	125	Dec. 1, 1997
KT	Re. 36,766	07/04/2000	Krauskopf	711	203	Aug. 21, 1992
KT	6,092,188	07/18/2000	Corwin	712	239	Jul. 7, 1999
KT	6,115,809	09/05/2000	Mattson	712	239	Apr. 30, 1998
KT	6,119,204	9/12/2000	Chang	711	141	Jun. 30, 1998
KT	6,141,683	10/31/2000	Kraml	709	220	Jan. 30, 1998
KT	6,154,857	11/28/2000	Mann	714	30	Dec. 17, 1997
KT	6,157,970	12/05/2000	Gafken	710	27	Sep. 24, 1997
KT	6,163,764	12/19/2000	Dulong	717	138	Oct. 12, 1998
KT	6,175,957	01/16/2001	Ju	717	156	Dec. 9, 1997
KT	6,195,748	02/27/2001	Chrysos	712	227	Nov. 26, 1997
KT	6,205,545	03/20/2001	Shah	712	237	Apr. 30, 1998
KT	6,212,493	04/03/2001	Huggins	703	22	Dec. 1, 1998
KT	6,219,774	04/17/2001	Hammond	711	202	Mar. 25, 1998

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				GROUP ART UNIT 2127		DEC 04 2003	
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KT	6,226,789	05/01/2001	Tye	717	138	Jan. 29, 1996	
KT	6,233,678	05/15/2001	Bala	712	240	Nov. 5, 1998	
KT	6,237,073	05/22/2001	Dean	711	202	Nov. 26, 1997	
KT	6,240,526	05/29/2001	Petivan	714	11	Oct. 27, 1999	
KT	6,253,215	06/26/2001	Agesen	707	206	Aug. 17, 1998	
KT	6,256,728	07/03/2001	Witt	712	236	Jul. 6, 1998	
KT	6,304,948	10/16/2001	Motoyama	711	162	Oct. 6, 1998	
KT	6,308,321	10/23/2001	Schooler	717	132	Dec. 11, 1998	
KT	6,336,135	01/01/2002	Niblett	709	215	Nov. 19, 1998	
KT	6,351,784	02/26/2002	Neal	710	308	Dec. 28, 1998	
KT	6,351,844	2/26/2002	Bala	717	128	Nov. 5, 1998	
KT	6,353,924	03/05/2002	Ayers	717	128	Feb. 8, 1999	
KT	6,363,336	03/26/2002	Banning	703	26	Oct. 13, 1999	
KT	6,374,367	03/26/2002	Dean	714	37	Nov. 26, 1997	
KT	6,374,369	04/16/2002	O'Donnell	714	38	May 21, 1999	
KT	6,381,628	04/30/2002	Hunt	709	201	Nov. 20, 1998	
KT	6,381,735	04/30/2002	Hunt	717	158	Nov. 20, 1998	
KT	6,397,379	05/28/2002	Yates	717	140	Oct. 28, 1999	
KT	6,405,327	06/11/2002	Sipple	714	39	Aug. 19, 1998	
KT	6,463,582	10/08/2002	Lethin	717	158	Oct. 21, 1998	
KT	6,470,442	10/22/2002	Arimilli	712	32	Jul. 30, 1999	
KT	6,470,492	10/22/2002	Bala	717	128	May 14, 1999	
KT	6,473,846	10/29/2002	Melchior	711	170	Jun. 16, 2000	
KT	6,477,683	11/05/2002	Killian	716	1	Feb. 5, 1999	
KT	6,480,862	11/12/2002	Gall	707	3	Apr. 23, 1999	
KT	6,496,922	12/17/2002	Borrill	712	209	Oct. 31, 1994	
KT	6,557,094	04/29/2003	Pechanek	712	209	Sep. 28, 2001	
KT	6,560,693	05/06/2003	Puzak	712	207	Dec. 10, 1999	
KT	6,591,414	07/08/2003	Hibi	717	151	Oct. 3, 1997	
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<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
KT	WO 98/28689 Wing	07/02/1998	PCT/US	G06F	11/00		
KT	WO 98/38575 Klaiber	09/03/1998	PCT/US	G06F	11/00		
KT	WO 99/08188 Kelly	02/18/1999	PCT/US	G06F	11/00		
KT	WO 99/08191 Kelly	02/18/1999	PCT/US	G06F	12/00		
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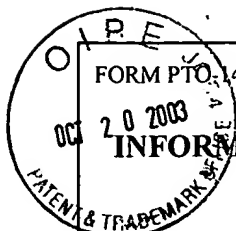
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